Attorney's Docket No.: 10886-045001 / TSRI 655.1/ SCR 2232P

Applicant: Skolnick et al. Serial No. : 09/493,022 Filed: January 27, 2000

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## **REMARKS**

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## Status of the Claims

Claims 1 to 13 as filed are pending.

## The Restriction Requirement

The Patent Office has alleged that the pending claims of the application are directed to three separate and distinct inventions under 35 U.S.C. §121:

- Group I: Claims 1-8, drawn to computer-implemented methods of generating a 3-D representation of a target sequence wherein the entire target sequence is listed, classified in Class 702, subclass 19.
- Group II: Claims 9-11, computer-implemented methods of generating a 3-D representation of a target sequence wherein identity constraints, 2-D constraints, and tertiary constraints are used, classified in Class 702, subclass 19.
- Group III: Claims 12-13, drawn to computer-implemented methods of generating a 3-D representation of a target sequence wherein an alignment of the target sequence with another sequence is used, classified in Class 702, subclass 19.

## The Election

In response to the Restriction Requirement, Applicants elect Group I, claims 1 to 8, drawn to computer-implemented methods of generating a 3-D representation of a target sequence wherein the entire target sequence is listed, classified in Class 702, subclass 19

Applicant believes that no fee is required for submission of this Response. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 06-1050. Please credit any overpayment to the above-noted Deposit Account.

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**SCR 2232P** 

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 858 678 5070.

Respectfully submitted,

Date:\_10/11/87

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